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DIALOG(R)File 352:Derwent WPI

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Multilayer products, useful as materials for food containers, comprise an ethylene-vinyl alcohol copolymer resin composition layer and a polyamide resin composition layer

Patent Assignee: KURARAY CO LTD (KURS)

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Patent Family (1 patents, 1 countries)

Patent			Application			
Number	Kind	Date	Number	Kind	Date	Update
JP 2001150609	A	20010605	JP 1999341631	A	19991201	200151 B

Priority Applications (no., kind, date): JP 1999341631 A 19991201

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
JP 2001150609	A	JA	7	0	

Alerting Abstract JP A

NOVELTY - Multilayer product comprises (A) a layer of an ethylene-vinyl alcohol copolymer resin composition containing (a1) 70-95 wt.% ethylene-vinyl alcohol copolymer and (a2) 5-30 wt.% polyamide; and (B) a layer of a polyamide resin composition containing (b1) 60-95 wt.% aliphatic polyamide and (b2) 5-40 wt.% semi aromatic polyamide.

USE - The multilayer products obtained can be used as materials for food containers, especially flexible pouches.

ADVANTAGE - The multilayer products invented have barrier properties, resistance to hot water and cutability.

Technology Focus

POLYMERS - Preferred Components: The polyamide (a2) and the aliphatic polyamide (b1) are both preferably nylon-6. The semi aromatic polyamide (b2) is preferably polymethaxylene adipamide.

Title Terms /Index Terms/Additional Words: MULTILAYER; PRODUCT; USEFUL; MATERIAL; FOOD; CONTAINER; COMPRISE; ETHYLENE; VINYL; ALCOHOL; COPOLYMER; RESIN; COMPOSITION; LAYER; POLYAMIDE

Class Codes

International Classification (Main): B32B-027/28

(Additional/Secondary): B32B-027/00, B32B-027/34, B65D-065/40

File Segment: CPI; EngPI

DWPI Class: A18; A23; A92; P73; Q34

Manual Codes (CPI/A-M): A05-F02; A05-F03; A10-E09B; A12-P01B; A12-P02

Chemical Indexing

Specific Compound Numbers: R00326; R01060

Derwent Chemistry Resource Numbers: (Linked) 1013-DIS; 8770-DIS; 1013; 8770

Key Word Indexing

1 1013-DIS 8770-DIS

Polymer Indexing

<01>

001 018; G0044 G0033 G0022 D01 D02 D12 D10 D51 D53 D58 D82 R00326-R
1013-R; H0011-R; P1332 P1694; M9999 M2313; P1150

002 018; P0635-R F70 D01; P0646 P1934 P0635 F70 D01 D11 D10 D50 D86

003 018; ND01; ND04; K9676-R; K9687 K9676; Q9999 Q7589-R; Q9999 Q8413
Q8399 Q8366; Q9999 Q8399-R Q8366; B9999 B4035 B3930 B3838 B3747;
B9999 B4864 B4853 B4740; Q9999 Q6780; B9999 B4706-R B4568; B9999
B3178; B9999 B3805 B3747; B9999 B3509 B3485 B3372

004 018; K9745-R

<02>

- *001* 018; D10-R D18-R; P0635-R F70 D01; P0646 P1934 P0635 F70 D01 D11 D10 D50 D86
- *002* 018; G1785 G1672 G1649 D01 D11 D10 D19 D18 D31 D50 D76 D88 F09 F07; G1343 G1310 G4024 D01 D11 D10 D50 D60 D86 F37 F35 E00 E13 R01060-R 8770-R; P0635-R F70 D01; H0011-R
- *003* 018; ND01; ND04; K9676-R; K9687 K9676; Q9999 Q7589-R; Q9999 Q8413 Q8399 Q8366; Q9999 Q8399-R Q8366; B9999 B4035 B3930 B3838 B3747; B9999 B4864 B4853 B4740; Q9999 Q6780; B9999 B4706-R B4568; B9999 B3178; B9999 B3805 B3747; B9999 B3509 B3485 B3372
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****MULTILAYERED STRUCTURE****

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